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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/590,049
	Filing Date	06/08/2000
	First Named Inventor	Kenneth J. Southwick
	Art Unit	1764
	Examiner Name	Basia Anna Ridley
Total Number of Pages in This Submission	Attorney Docket Number	106747-118 DV US CN1

ENCLOSURES (Check all that apply)		
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Daniel P. Gaudet	
Signature		
Date	9/23/2003	

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Appl. No. 09/590,049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kenneth J. Southwick

Application No.: 09/590,049

Filed: June 8, 2000

For: Collider Chamber Apparatus and  
Method of Use of Same

Group Art Unit: 1764

Examiner: Ridley, Basia Anna

Attorney Docket No.: 106747-118 DV US CN1

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By:

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Lisa Calder

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Response to Restriction Requirement**

Dear Sir:

This Response is filed in reply to the Office Action mailed on August 27, 2003.

**Election**

In accordance with the species identified in the Office Action, Applicant hereby elects the following species for prosecution on the merits:

Species I-1 and Species A and Species 2 and Species a and Species i.

Claims 33-70 are pending in this application, of which claims 33, 38, 57 and 69 are independent claims. The independent claims and dependent claims 34-37, 39-42, 45-47, 50, 53-56, 58-61, 64-68 and 70 read upon the elected species. Since the independent

claims are generic to the elected species, upon the allowance of an independent claim, the claims that depend therefrom are to be examined on the merits.

**Remarks**

Claims 33-70 are pending in this application. Claims 33-70 are directed to methods that have a fluid introduced into at least one collision chamber. The prior art of record fails to disclose such methods where a fluid is introduced into at least one collision chamber.

**Conclusion**

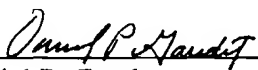
In view of the remarks set forth above, it is respectfully submitted that the pending claims are in condition for allowance. Accordingly, Applicants respectfully request that a timely Notice of Allowance be issued in this case.

The Commissioner is hereby authorized to charge any fees or credit any over-payments to Deposit Account No. 08-0219 that may be due in connection with the filing of this response.

If the Examiner has any questions in regard to this Response, or any other issue in this case, please call the below signed representative at (617) 526-6000.

Respectfully submitted,

Dated: September 23, 2003

  
Daniel P. Gaudet  
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